

Fig.1

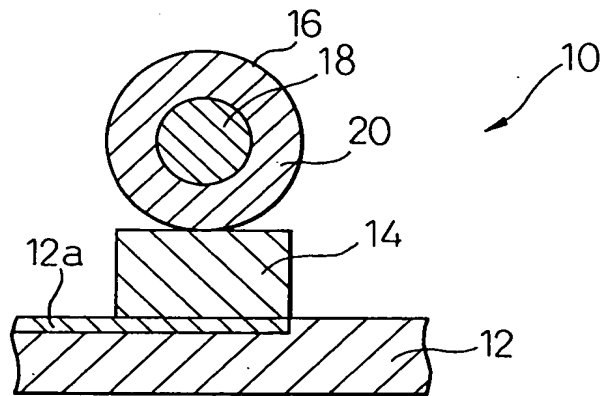


Fig.2

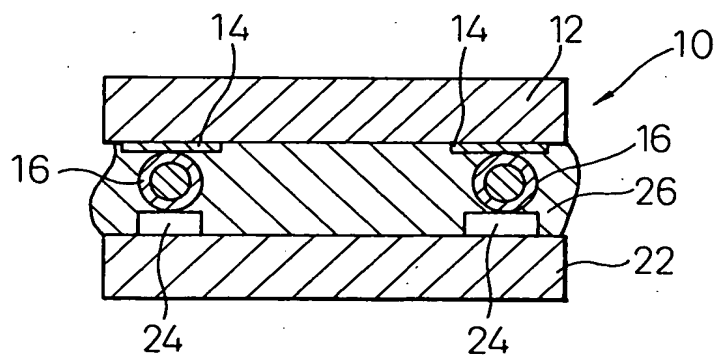


Fig. 3A

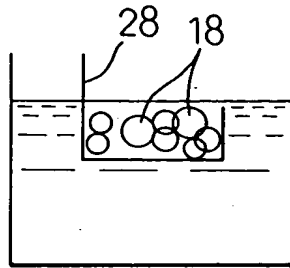


Fig. 3B

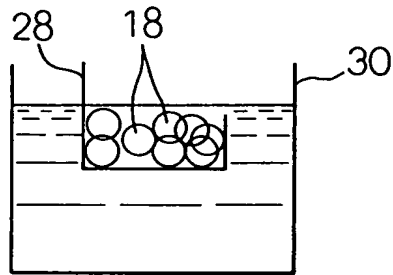


Fig. 3C

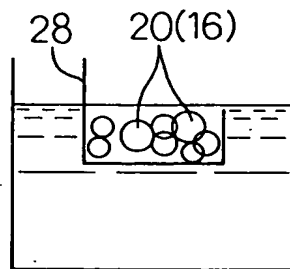


Fig. 3D

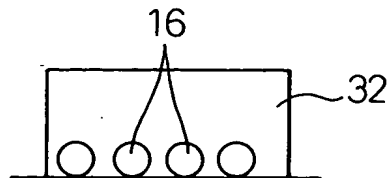


Fig.4A

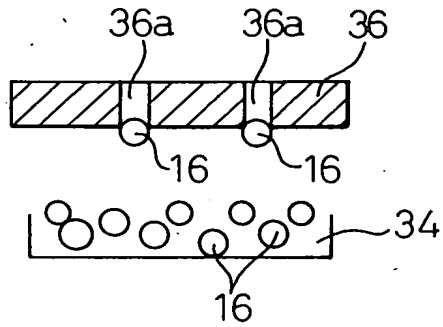


Fig.4B

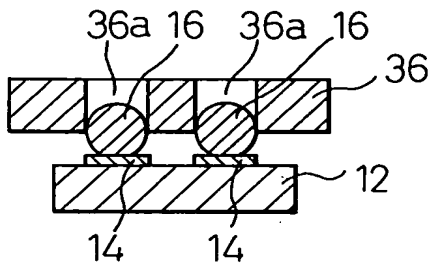


Fig.4C

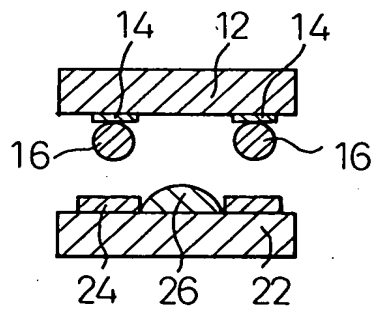


Fig. 5

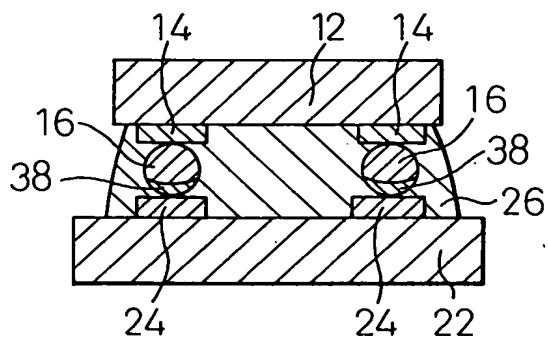


Fig. 6

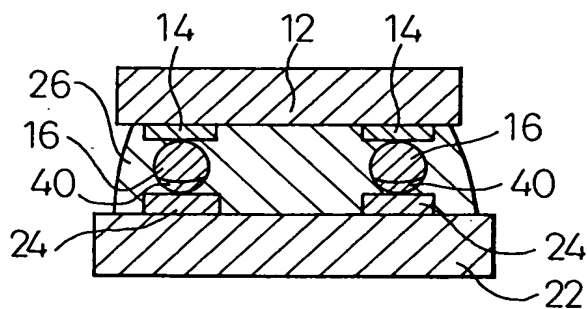


Fig. 7

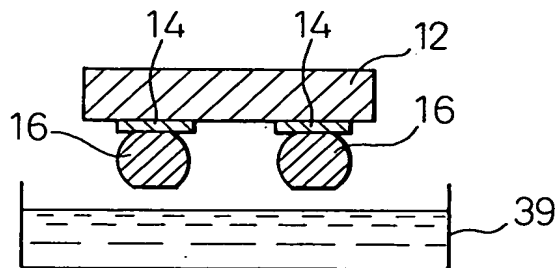


Fig. 8

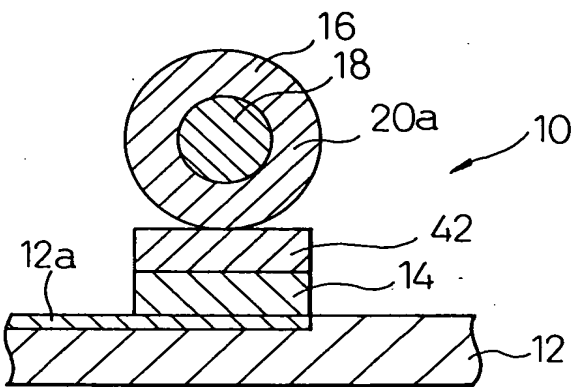


Fig. 9

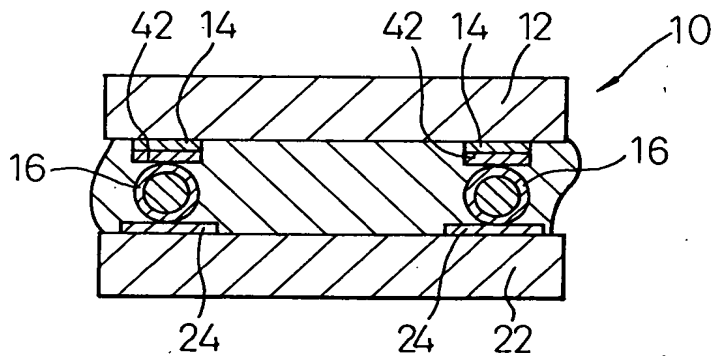


Fig. 10

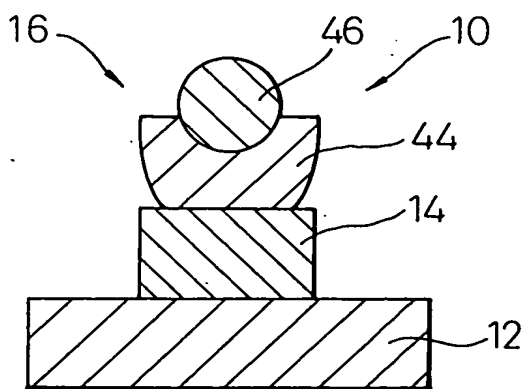
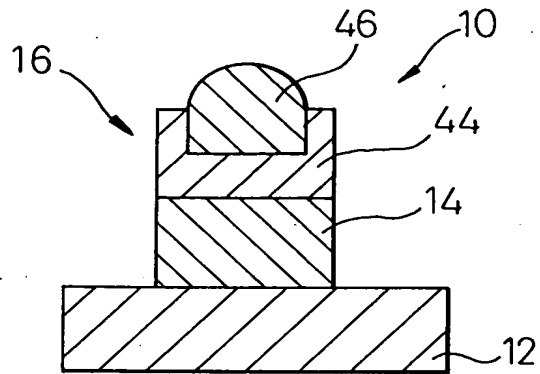


Fig.11



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Fig.12A

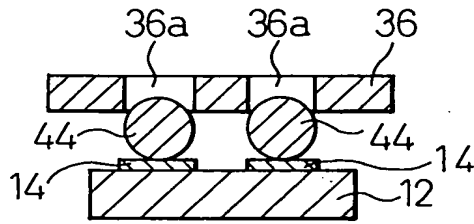


Fig.12B

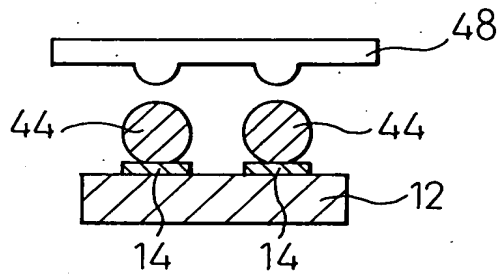


Fig.12C

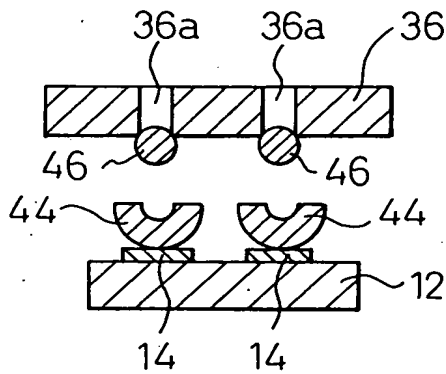


Fig.13A

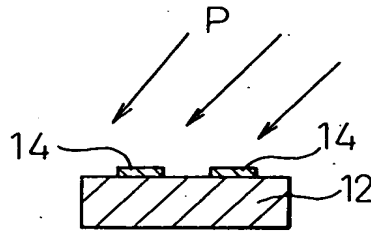


Fig.13B

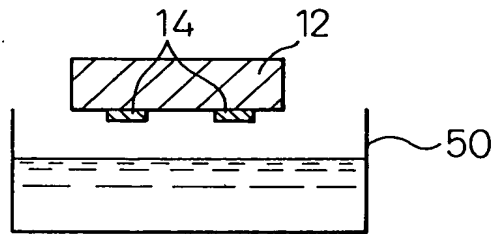


Fig.13C

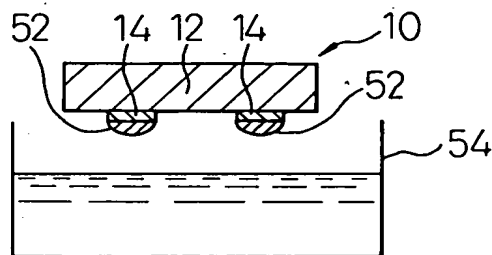
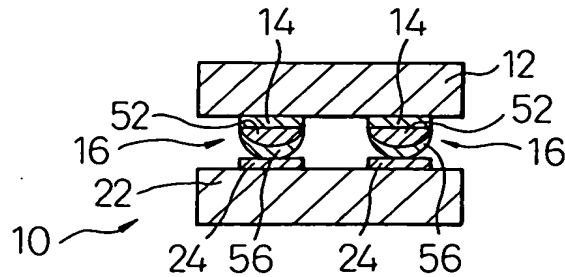


Fig.13D





A cross-sectional view of a substrate 12 with a thin layer 14 on its top surface. Three arrows labeled 'P' point downwards towards the thin layer 14, indicating an applied pressure.

This diagram shows a cross-sectional view of a second embodiment of the device. It features a top plate 12 and a bottom plate 22, both with diagonal hatching. The top plate 12 has two circular openings 14. The bottom plate 22 has two rectangular openings 24. Between the plates, there are two sets of components: a central spring 52 and a side spring 56a. The side spring 56a is positioned between the top plate 12 and the bottom plate 22, with its ends resting on the inner surfaces of the rectangular openings 24. The central spring 52 is positioned between the top plate 12 and the bottom plate 22, with its ends resting on the inner surfaces of the circular openings 14.

Fig.15

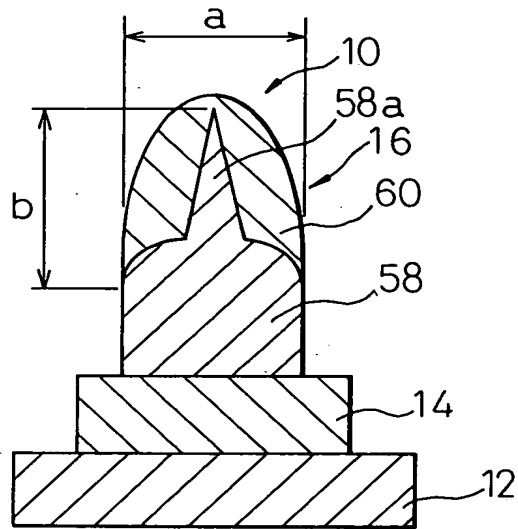


Fig.16

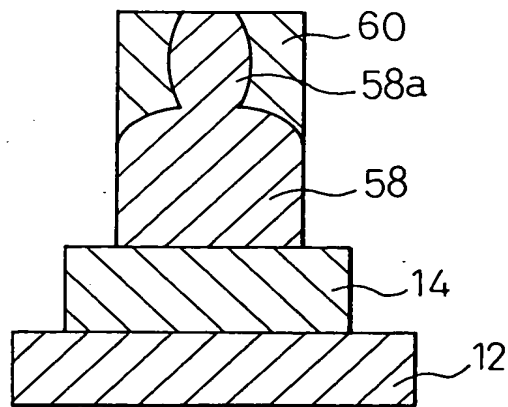


Fig.17

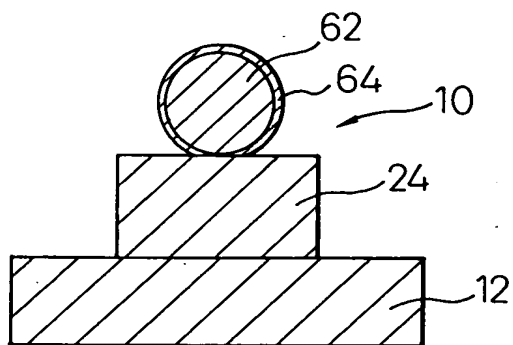


Fig.18

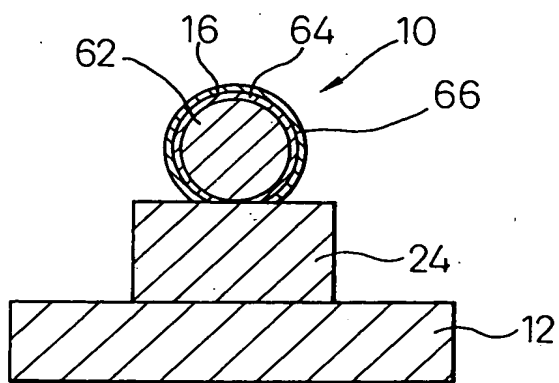


Fig.19A

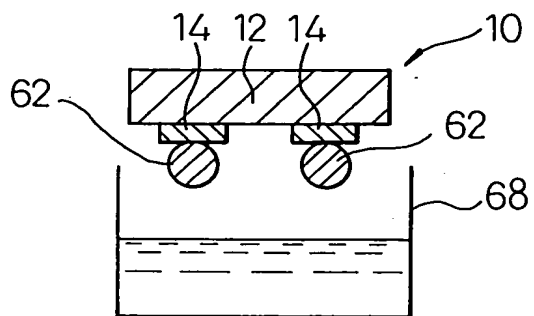


Fig.19B

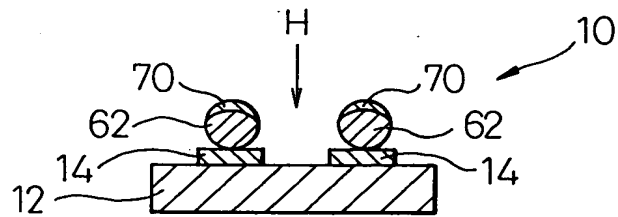


Fig.19C

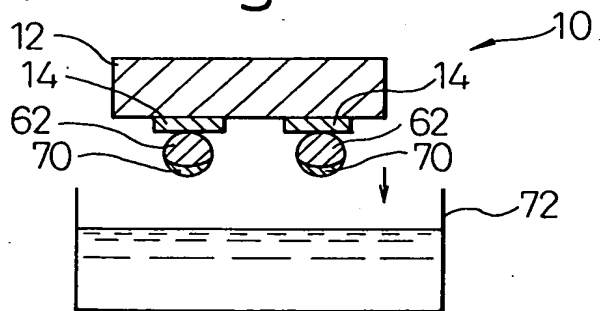


Fig.19D

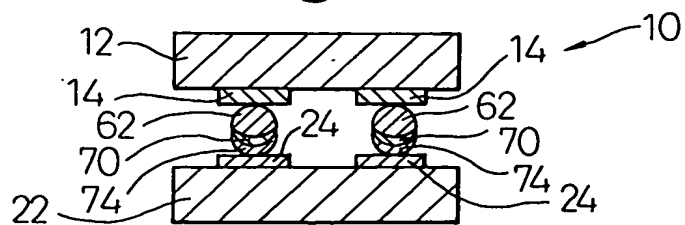


Fig. 20

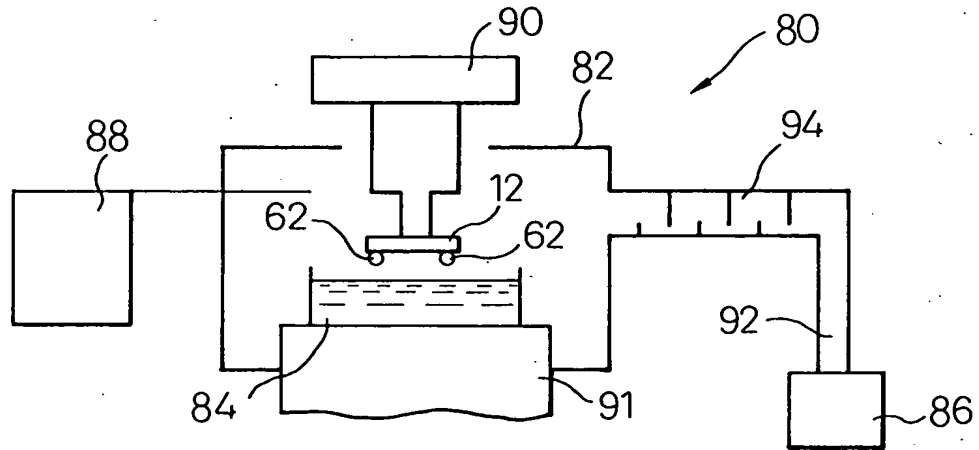


Fig. 21

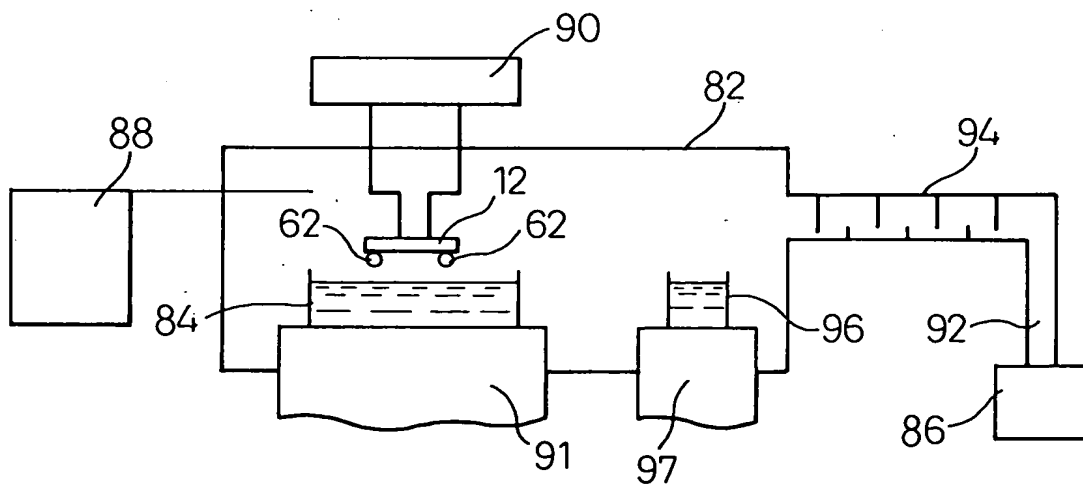
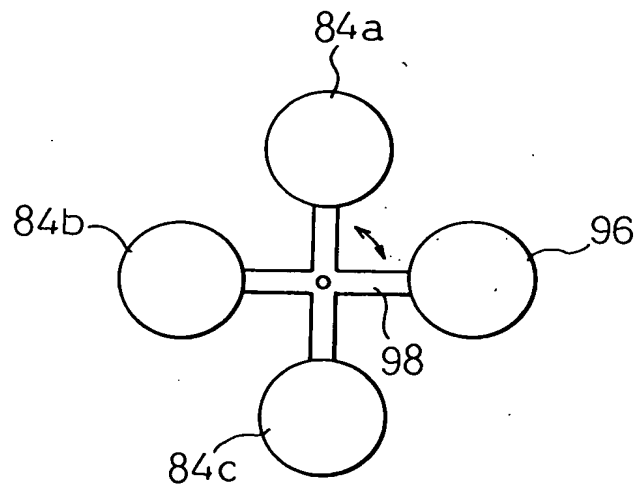


Fig. 22



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Fig. 23

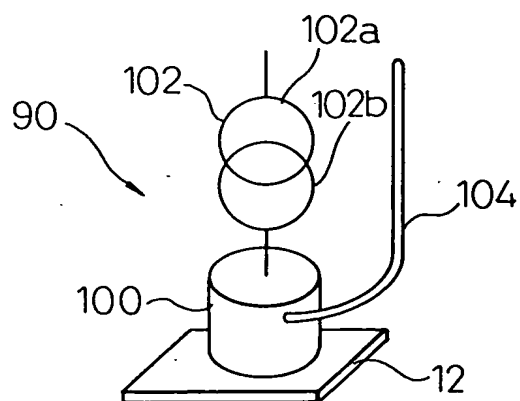


Fig. 24

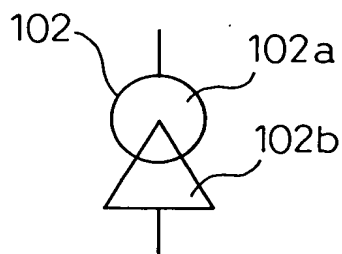


Fig. 25

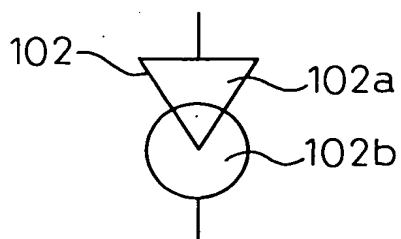


Fig. 26

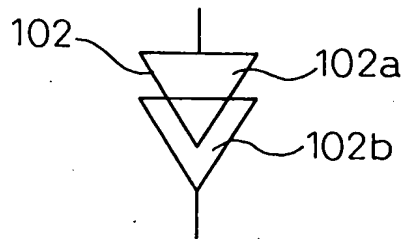


Fig. 27

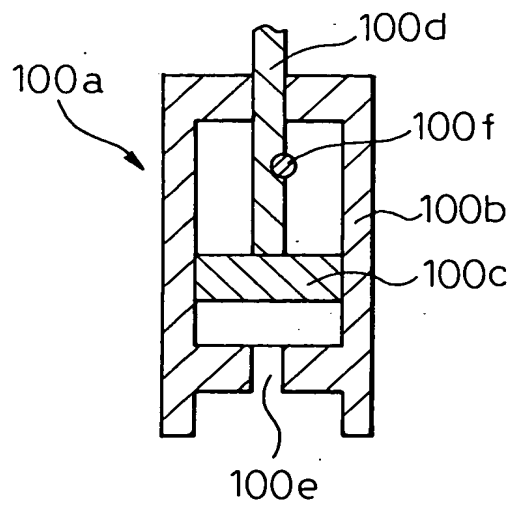




Fig.28

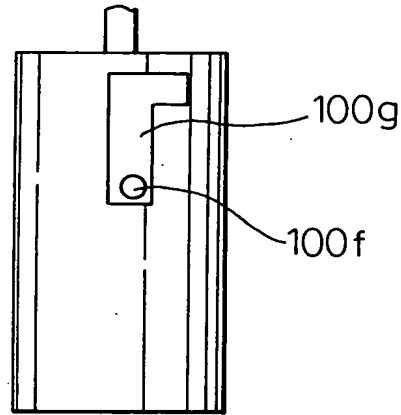


Fig.29

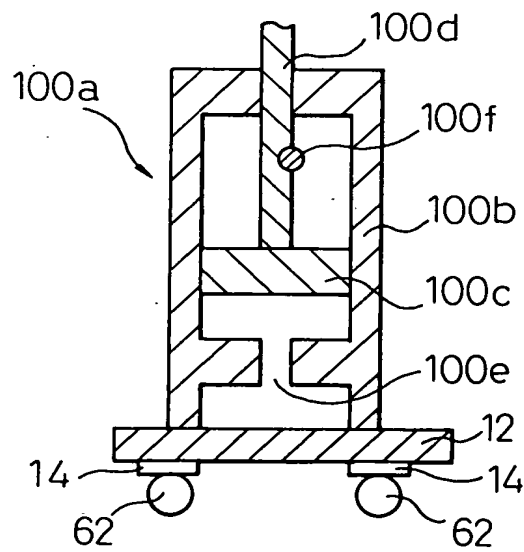


Fig. 30

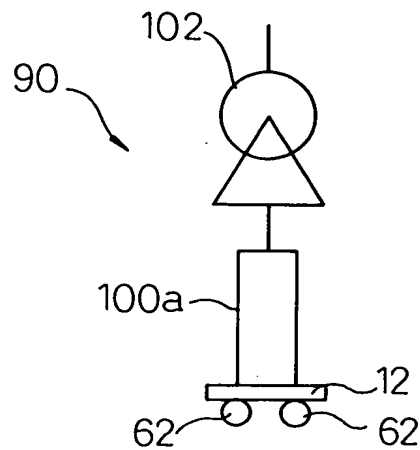


Fig. 31

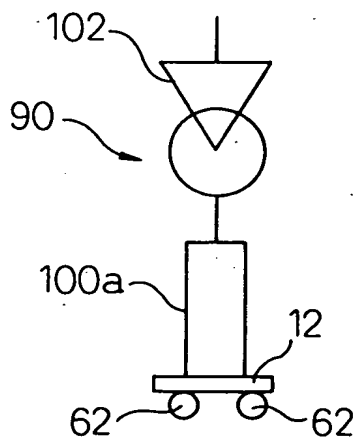


Fig. 32

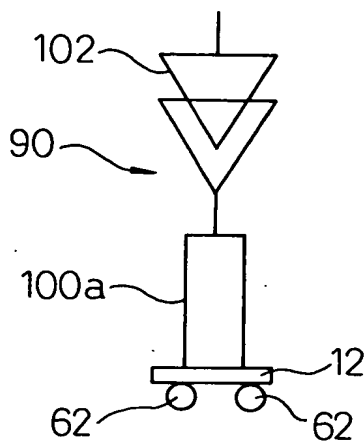


Fig. 33

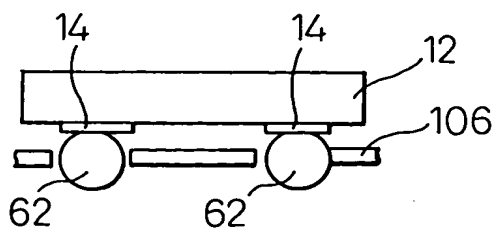


Fig. 34

